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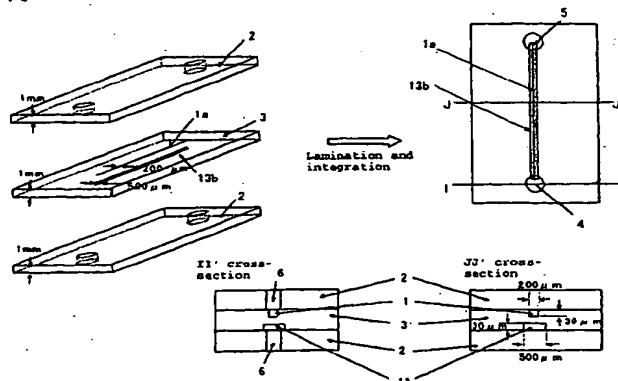
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(54) **Microchannel device, method for producing the microchannel device and use of the same**

(57) The fine channel device has a fine channel substrate having a fine channel, in which patterns of same or different concave-convex are formed in front and rear surfaces wherein a functional unit having an electrical, magnetic, physical or chemical function, or an information recording function is provided on the fine channel substrate three-dimensionally. Further, the fine channel device usable for analyzing permits use of a plurality of

analyzing liquid reagents in order to analyze a plurality of specified substances, and can reduce the amount of usable sample and improves the sensitivity of fluorescence measurement. Further, the fine channel device is formed by laminating a plurality of substrates having a fine channel, in which patterns of same or different concave-convex are formed, efficiently. Further, a method for producing the fine channel device capable of producing it economically in a short time and in a large scale.

Fig. 15**EP 1 250 954 A3**



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EUROPEAN SEARCH REPORT

Application Number
EP 02 00 8502

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Place of search MUNICH		Date of completion of the search 27 January 2004	Examiner Skowronski, M
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